| | Type | Hits | Search Text | DBS | Timo Ottomo | | Error | |
|-----|------|-------|--|---|------------------|---|--|---|
| | BRS | 719 | 1 5 | USPAT; US-PGPUB; EPO; | | Comments | Definition | T |
| | | 77. | i | JPO; DERWENT; IBM | 2001/11/13 10:55 | | .,,,,,,,,,, | |
| 7 | BRS | 51 | with (chip | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 10:56 | | | |
| m | BRS | 115 | - | · | 2001/11/13 10:56 | | *************************************** | |
| 4 | BRS | 83 | (((adhesive near resin) with (chip or die)) and tape) and (water or vapor or moisture or porous or gap or stress) | | 2001/11/13 11:26 | | | |
| 5 4 | BRS | 1 | | USPAT | 2001/11/13 11:13 | | | |
| 2 | BRS | 1 | | USPAT | 2001/11/13 11:13 | | | 7 |
| 00 | BRS | 23349 | por or moisture or porous or gap | USPAT US-PGPUB; EPO; | 2001/11/13 11:14 | | | T T |
| 0 | BRS | 21140 | ((Water or vapor or moisture or porous or gap) with tape) | UPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; UPO; DERWENT; TRM TDR | | *************************************** | | 1 |
| 70 | BRS | 119 | ((Water or vapor or moisture or porous or gap or stress) with tape)) and (adhesive adj resin) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:30 | | | |
| | BRS | 113 | or porous or (adhesive adj esin) with (chip | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:31 | | | |
| 12 | BRS | 35 | ((((water or vapor or moisture or porous or gap or stress)with tape)) and (adhesive adjresin)) and (chip or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:43 | | 444-4-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | *************************************** |
| 13 | BRS | 1818 | porous or gap | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:43 | | *************************************** | <u>-</u> |
| 14 | BRS | 35 | sture or porous or and (adhesive adj and (chip or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:53 | | | |
| 15 | BRS | 0 | isture or porous or and (adhesive adj and (chip or die)) moisture or porous)) and (adhesive adj | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:44 | | | |
| 16 | BRS | 2622 | SPACE OR HOLE) NEAR | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:46 | | Truncation Overflow. Return string from Server is: | |
| 17 | BRS | 420 | OR STRESS OR | SPACE OR HOLE) NEAR USPAIT, US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 15:49 | | J U L FOR | |
| 18 | BRS | 98 | (((POK\$ OR GAP OR STRESS OR SPACE OR HOLE) NEAR TAPE) and (chip or die)) AND ADHESIVE AND RESIN | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:52 | | | |
| 19 | BRS | 3579 | ((ball or bump) with tape) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 11:51 | *************************************** | | ···· |
| 20 | BRS | 381 | or bump) near tape) | | 2001/11/13 11:52 | *************************************** | *************************************** | |
| 21 | BRS | 81 | vump) near tape)) AND ADHESIVE AND | | 2001/11/13 11:52 | 4 | | |
| | | 3 | mp) near tape)) AND ADHESIVE AND ip or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/11/13 12:29 | | | |
| 23 | IS&R | | | | 2001/11/13 12:29 | | | · |

| | Type | # H | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Erro |
|---------------|------|---------|-------|--|--|---------------------|----------|--|------|
| 1 | BRS | ۳ با | 133 | (POR\$ NEAR TAPE) and (chip or die) | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 15:51 | | Truncation Overflow. Return string from Server is: | rs . |
| 2 | BRS | L4 | 10891 | USPAT; (Water or vapor or moisture) with B; EPO; tape) Lape) Character or vapor or moisture) with B; EPO; Tape) Tape) Tape | 1 | 2001/11/13 15:54 | | | 0 |
| ж | BRS | LS | 1217 | U u u (chip or die) U U U U U U U U U U U U U U U U U U U | VI; PGPU SPO; TENT | 2001/11/13 16:07 | | | 0 |
| 4. | BRS | Ге | 597 | U L5 and (hole\$ or porous or pore B or gap) | D: E | 2001/11/13 16:09 | | Truncation Overflow. Return string from Server is: 5'0'0'HOL | |
| 27 | BRS | 1.7 | 248 | U L5 and ((hole\$ or porous or pore B or gap) with (tape or polyimide)) U T T T T T T T T T T | D. H | 2001/11/13 16:30 | | Truncation Overflow. Return string from Server is: | tI |
| 9 | BRS | L8 | 538 | 00 00 00 00 00 00 00 00 00 00 00 00 00 | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 16:31 | | | 0 |
| Н | BRS | F1 | 132 | US US US Water or moisture or JE Vapor) TT | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 16:32 | | 0 | |
| | BRS | 110 | 146 | US L8 and (water or moisture or B; vapor or crack) DE TD | T; GPU PO; ENT | 2001/11/13 16:44 | | 0 | |





| - 1 | Type | н # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Erro |
|-----|------|--------|-------|--|--|---------------------|----------|------------------|------|
| 1 | BRS | 111 | 44 | 257/736.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 | | | 0 0 |
| 10 | BRS | 112 | 300 | 257/737.ccls. and (water or moisture or vapor or crack) | AT; PGPU IPO; IENT | 2001/11/13 16:45 | | | 0 |
| 11 | BRS | 113 | 235 | 257/738.ccls. and (water or moisture or vapor or crack) | T; GPU PO; ENT | 2001/11/13 16:45 | | | 0 |
| 12 | BRS | 114 | 123 | 257/719.ccls. and (water or moisture or vapor or crack) | D & E | 2001/11/13 16:45 | | | 0 |
| 13 | BRS | L15 | 312 | 257/778.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; JPO; JEWENT I IBM TDB | 2001/11/13 16:46 | | | 0 |
| | BRS | 116 | 201 | 257/783.ccls. and (water or moisture or vapor or crack) | D. H | 2001/11/13 16:46 | | | 0 |
| | BRS | L17 | 171 g | 257/678.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 16:46 | | | 0 |
| | BRS | L18 | 184 m | 257/668.ccls. and (water or B moisture or vapor or crack) 7 | USPAT; US-PGFU B; EPO; 2 JPO; DERWENT ; IBM | 2001/11/13 16:46 | | 0 | |





| | | Type | # | 1 | | | | | | | |
|-----|-----|--------|-----|-------|---|-------------------|--|---------------------|---|--|--|
| 1 | + | 237 | | - | Search Text | т | DBs | Time Stamp | Comments | Error Definition | Erro |
| _ | BRS | | L3 | £1 | (POR\$ NEAR TAPE) and (chip or die) | chip or | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | 2001/11/13 15:51 | | Truncation Overflow Return string from Server is: 5'0'0'POR | H H |
| 0 | BRS | | 1.4 | 10891 | ((water or vapor or mo: tape) | or moisture) with | | 2001/11/13 15:54 | | | 0 |
| m | BRS | H | 1.5 | 1217 | L4 and (chip or die) | | AT; PGPU SPO; TENT | 2001/11/13 16:07 | | | 0 |
| | BRS | н | L6 | 597 | L5 and (hole\$ or porous or or gap) | pore | VT; GPU JPO; ENT M | 2001/11/13 16:09 | Н Ц ОО | Truncation Overflow. Return string from Server is: | г |
| | BRS | L7 | | 248 | L5 and ((hole\$ or porous or pore or gap) with (tape or polyimide)) | | USPAT; US-PGPU B; EPO; JPO; JPO; ; IBM ; IBM | 2001/11/13 16:30 | <u> </u> | Truncation Overflow. Return string from Server is: 5.0.0.HOL | |
| l l | BRS | 1.8 | | 538 | 257/668.ccls. and (tape polyimide) | or | D. I | 2001/11/13 16:31 | | | 0 |
| | BRS | б Н | | 132 | L8 and (water or moisture Vapor) | or | USPAT; US-PGPU B; EPO; JPO; DERWENT I IBM | 2001/11/13 16:32 | | 0 | The state of the s |
| | BRS | L10 | | 146 | L8 and (water or moisture or Vapor or crack) | | GPU (PO; ENT | 2001/11/13 | | 0 | |
| | | | | | | | | | *************************************** | | |

| | Type | # H | Hits | Search Text | DBs Time | Stamp Comments | s Error Definition | Erro |
|-------------|------|-------------|------|--|---|----------------|--------------------|------|
| 6 | BRS | 1 1 1 | 44 | 257/736.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; JPO; DERWENT 16:45 ; IBM | 1/13 | | 0 0 |
| 10 | BRS | L12 | 300 | 257/737.ccls. and (water or molsture or vapor or crack) | USPAT; US-PGPU B; EPO; 2001/11/13 JPO; 16:45 ; IBM TDB | 1/13 | | 0 |
| | BRS | 113 | 235 | 257/738.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; 2001/11/13 DERWENT 16:45 T IBM TDB | 1/13 | | 0 |
| 12 | BRS | L14 | 123 | 257/719.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; 2001/11/13 JEO; DERWENT ; IBM TDB | 1/13 | | 0 |
| E - | BRS | L15 | 312 | 257/778.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGPU B; EPO; JPO; JPO; 16:46 ; IBM TDB | 1/13 | | 0 |
| 14 | BRS | 116 | 201 | 257/783.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGFU B; EPO; 2001/11/13 JPO; JE:46 ; IBM TDB | 1/13 | | 0 |
| 15 | BRS | 117 | 171 | 257/678.ccls. and (water or moisture or vapor or crack) | USPAT; US-PGFU B; EPO; 2001/11/13 JPO; 16:46 ; IBM TDB | /13 | | 0 |
| 16 | BRS | L18 | 184 | | USPAT; US-PGPU B. EPO; JPO; DERWENT 16:46 ; IBM | /13 | | 0 |
| | BRS | | 5 | ermeab\$ or | USPAT 2001/11/13 | /13 | | 0 |
| 18 | BRS | L20 | 431 | ul9 and (semiconductor or chip or die) | USPAT 2001/11/13 | /13 | | 0 |

| | Type | # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Erro |
|----|------|-----|------|---|-------|---------------------|----------|------------------|------|
| 19 | BRS | L21 | 18 | L19 and (g/m) | USPAT | 2001/11/13 16:54 | | | 0 |
| 20 | BRS | 122 | 25 | (tape or resin) and ((water or moisture or vapor) with (g/m)) | USPAT | 2001/11/13 17:10 | | | 0 |
| 21 | BRS | L23 | 28 | ((tape or resin) with (g/m)) and (water or moisture or vapor) | USPAT | 2001/11/13 17:12 | | | 0 |
| 22 | BRS | L24 | 2 | (tape with (g/m)) and (semiconductor or chip or die) | USPAT | 2001/11/13 17:09 | | | 0 |
| 23 | BRS | L25 | 2 | <pre>tape and ((water or moisture or vapor) with (g/m))</pre> | USPAT | 2001/11/13 17:10 | | | 0 |
| 24 | BRS | L26 | 7 | L23 and ((semiconductor adj device) or chip or die) | USPAT | 2001/11/13 17:12 | | | 0 |